Fuzzy logic process measures free chlorine, redox potential and pH value to minimize the release of excess disinfectant agent

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Abstract of DE19844179

In a process to add a disinfectant especially chlorine and chlorine compounds to swimming pool water or bathing water, measurements are taken of the free chlorine in water, the redox potential and the pH value. The chlorine and redox potential values are taken simultaneously by sensors which are linked by a common fuzzy logic circuit. The quantity of disinfectant is determined by the redox potential, and is within a range dependent on the free chlorine measured.